

What is claimed is:

Claim 1. A new NEMA-style AC power outlet connector comprising a body portion and a shoulder portion, said body portion being configured for fitting into a standard cutout for a conventional IEC AC power outlet connector, said IEC AC power outlet connector having a body portion with three terminals extending therefrom.

10 Claim 2. The new NEMA-style AC power outlet connector as claimed in Claim 1, wherein said IEC AC power outlet connector is an IEC C13 AC power outlet connector and wherein said standard cutout is rectangular in shape and having a height of about 1.28 inches and a width of about 0.98 inch, said shoulder portion having a height of about 1.375 inches and a width of about 1.0625 inches. said body portion including at least one opposing pair of elastic spring retainer clips for retaining said new NEMA-style AC power outlet connector snapped into said standard cutout.

Claim 3. The new NEMA-style AC power outlet connector as claimed in Claim 2, wherein said new NEMA-style AC power outlet connector is selected from the group consisting of NEMA 5-15R, 125 VAC, 15 amperes; NEMA 6-15R, 250 VAC, 15 amperes; NEMA 5-20R, 125 VAC, 20 amperes; and NEMA 6-20R, 250 VAC, 20 amperes, AC power outlet connectors.

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Claim 4. The new NEMA-style AC power outlet connector as claimed in Claim 1, wherein said IEC AC power outlet connector is an IEC C19, 250 VAC, 16 amperes, AC power outlet connector and wherein said standard cutout is rectangular in shape, having a height of about 1.180 inches and a width of about 1.496 inches, said shoulder

portion having a height of about 1.339 inches and a width of about 2.165 inches.

5 Claim 5. The new NEMA-style AC power outlet connector as claimed in Claim 4, wherein said new NEMA-style AC power outlet connector is selected from the group consisting of NEMA 5-20R, 125 VAC, 20 amperes; and NEMA 6-20R, 250 VAC, 20 amperes, AC power outlet connectors.

10 Claim 6. The new NEMA-style AC power outlet connector as claimed in Claim 4, wherein said shoulder portion includes a pair of screw mounting holes spaced apart a distance equal to 1.772 inches.

15 Claim 7. A new NEMA-style AC power outlet connector comprising a body portion and a shoulder portion, said body portion being configured for snapping into a standard IEC C13 cutout for a conventional IEC C13, 250 VAC, 10 ampere, AC power outlet connector, said standard cut-
20 out being rectangular in shape and having a height of about 1.28 inches and a width of about 0.98 inch, said shoulder portion having a height of about 1.375 inches and a width of about 1.0625 inches.

25 Claim 8. The new NEMA-style AC power outlet connector as claimed in Claim 7, wherein said body portion includes three terminals extending from said body portion, each of said terminals being configured the same as said terminals of said IEC connector.

30 Claim 9. The new NEMA-style AC power outlet connector as claimed in Claim 7, wherein said body portion includes at least one opposing pair of elastic spring retaining clips for retaining said new NEMA-style AC power
35 outlet connector in said standard IEC 13C cutout.

Claim 10. The new NEMA-style AC power outlet connector as claimed in Claim 7, wherein said body portion includes three pin wiring connection terminals extending from said body portion for enabling said new NEMA-style
5 AC power outlet connector to be mounted to a printed circuit card, each of said pin terminals having a diameter of about 0.06 inch.

Claim 11. The new NEMA-style AC power outlet connector as claimed in Claim 7, wherein said new NEMA-style
10 AC power outlet connector is configured as a new NEMA 5-15R, 125 VAC, 15 ampere, AC power outlet connector.

Claim 12. The new NEMA-style AC power outlet connector as claimed in Claim 7, wherein said new NEMA-style
15 AC power outlet connector is configured as a new NEMA 6-15R, 250 VAC, 15 ampere, AC power outlet connector.

Claim 13. The new NEMA-style AC power outlet connector as claimed in Claim 7, wherein said new NEMA-style
20 AC power outlet connector is configured as a new NEMA 5-20R, 125 VAC, 20 ampere, AC power outlet connector.

Claim 14. The new NEMA-style AC power outlet connector as claimed in Claim 7, wherein said new NEMA-style
25 AC power outlet connector is configured as a new NEMA 6-20R, 250 VAC, 20 ampere, AC power outlet connector.

Claim 15. A new NEMA-style AC power outlet connector
30 comprising a body portion and a shoulder portion, said body portion being configured for fitting into a standard cutout for a conventional IEC C19, 250 VAC, 16 amperes, AC power outlet connector, said standard cutout being rectangular in shape and having a height of about 1.180
35 inches and a width of about 1.490 inches, said shoulder

portion having a height of about 1.339 inches and a width of about 2.165 inches.

5 Claim 16. The new NEMA-style AC power outlet connector as claimed in Claim 15, wherein said shoulder portion includes a pair of screw mounting holes spaced apart a distance equal to 1.772 inches.

10 Claim 17. The new NEMA-style AC power outlet connector as claimed in Claim 15, wherein said body portion is sized and shaped to snap fit into said standard cut-out.

15 Claim 18. The new NEMA-style AC power outlet connector as claimed in Claim 15, wherein said new NEMA-style AC power outlet connector is configured as a new NEMA 5-20R, 125 VAC, 20 amperes, AC power outlet connector.

20 Claim 19. The new NEMA-style AC power outlet connector as claimed in Claim 15, wherein said new NEMA-style AC power outlet connector is configured as a new NEMA 6-20R, 250 VAC, 20 amperes, AC power outlet connector.

25 Claim 20. A new NEMA-style AC power outlet connector module formed from m new NEMA AC power outlet connectors, said new NEMA AC power outlet connector module having a composite body portion configured for fitting into
30 a standard cutout for a corresponding IEC AC power outlet connector module formed from "n" IEC AC power outlet connectors.

35 Claim 21. The new NEMA-style AC power outlet connector module as claimed in Claim 20, wherein "n" is equal to 2, 3, 4, 5 or 6.

Claim 22. The new NEMA AC power outlet connector module as claimed in Claim 20, wherein said IEC AC power outlet connector module is formed from "n" IEC C13 AC power outlet connectors.

Claim 23. The new NEMA AC power outlet connector module as claimed in Claim 22, wherein said new NEMA-style AC power outlet connectors forming the new NEMA-style AC power outlet connector module are selected from the group consisting of NEMA 5-15R, 125 VAC, 15 amperes; NEMA 6-15R, 250 VAC, 15 amperes; NEMA 5-20R, 125 VAC, 20 amperes; and NEMA 6-20R, 250 VAC, 20 amperes, AC power outlet connectors.

Claim 24. The new NEMA AC power outlet connector module as claimed in Claim 20 wherein said new module is formed having "m" new NEMA AC power outlet connectors and "n-m" IEC AC power outlet connectors, wherein the number "m" may be between 1 and "n".